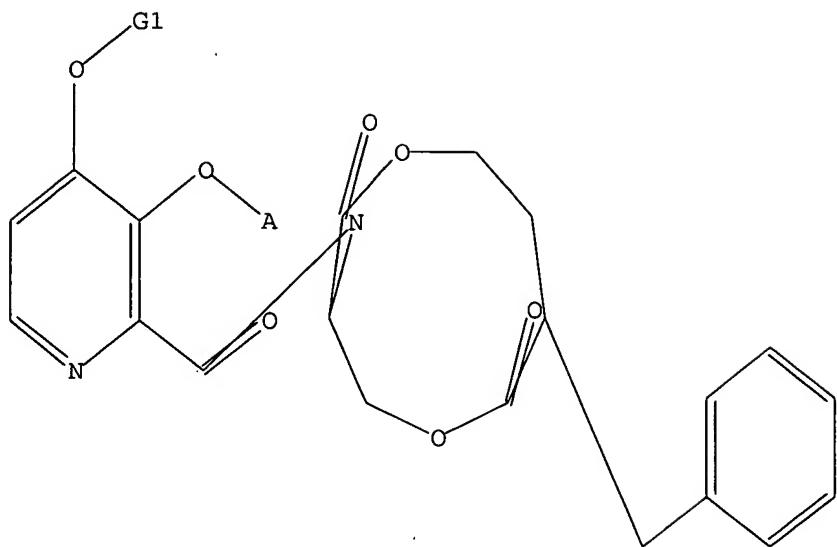


10/647,172

L17 HAS NO ANSWERS
L17 STR



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Structure attributes must be viewed using STN Express query preparation.

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	ENTRY	SESSION
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	ENTRY	SESSION
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10/647,172

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FILE COVERS 1907 - 8 Apr 2005 VOL 142 ISS 16
FILE LAST UPDATED: 7 Apr 2005 (20050407/ED)

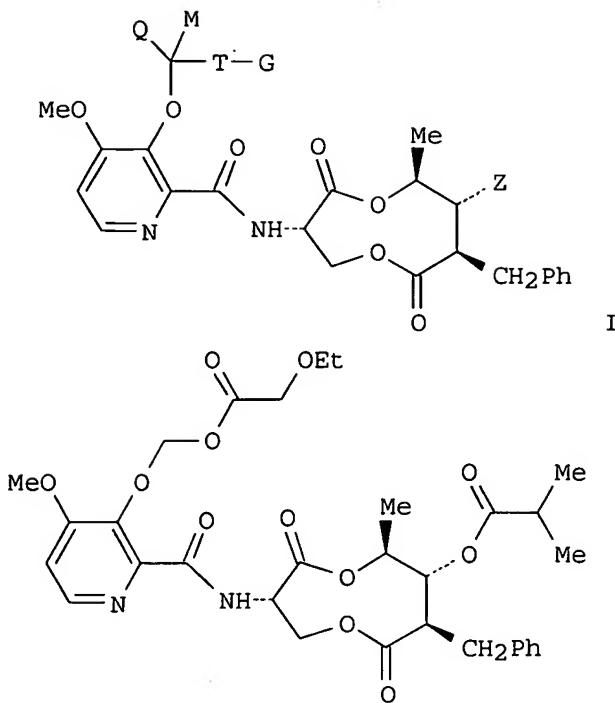
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L19 7 L18

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L19 ANSWER 1 OF 7 CAPLUS COPYRIGHT 2005 ACS on STN
ACCESSION NUMBER: 2003:335078 CAPLUS
DOCUMENT NUMBER: 138:337882
TITLE: Preparation of UK-2A derivatives as agricultural fungicides
INVENTOR(S): Meyer, Kevin Gerald; Rogers, Richard Brewer; Yao, Chenglin; Niyaz, Normohammed Mohamed; Adamski Butz, Jenifer Lynn; Nader, Bassam Salim
PATENT ASSIGNEE(S): Dow Agrosciences Llc Patent Department, USA
SOURCE: PCT Int. Appl., 39 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent *A straight*
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2003035617	A2	20030501	WO 2002-US33947	20021023
WO 2003035617	A3	20031113		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
EP 1438306	A2	20040721	EP 2002-802199	20021023
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US 2004192924	A1	20040930	US 2004-493456	20040423
US 6861390	B2	20050301		
PRIORITY APPLN. INFO.:			US 2001-335814P	P 20011023
			WO 2002-US33947	W 20021023
OTHER SOURCE(S):		MARPAT 138:337882		
GI				



AB Derivs. of UK-2A of formula I [Z = H, alkoxy, acyl, OC(O)Oalkyl, OC(O)dialkylamino, etc.; Q, M = H, Me, Et, CF₃, Ph, vinyl, cyclopropyl; T = O, OC(O), OCO₂, S, SC(O), SCO₂; G = H, alkyl, alkenyl, alkynyl, cycloalkyl, aryl, heteroaryl] are provided for the treatment of plant fungal diseases. Thus, II was prepared from UK-2A. The prepared compds. were tested for control of in vivo whole plant fungal infection.

IT	512192-31-3P	512192-33-5P	512192-36-8P
	517875-15-9P	517875-16-0P	517875-17-1P
	517875-18-2P	517875-19-3P	517875-20-6P
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RL: AGR (Agricultural use); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES

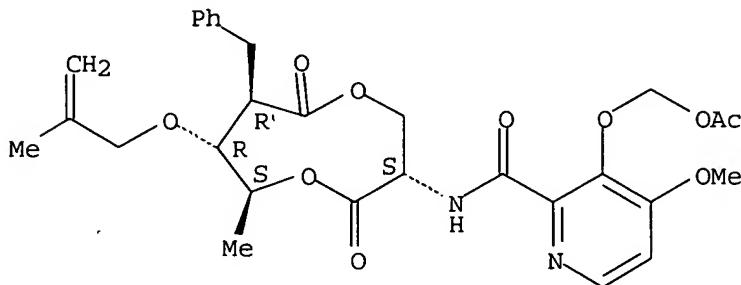
(preparation of UK 2A derivatives as agricultural fungicides)

10/647,172

RN 512192-31-3 CAPLUS

CN 2-Pyridinecarboxamide, 3-[(acetyloxy)methoxy]-4-methoxy-N-[(3S,7R,8R,9S)-9-methyl-8-(2-methyl-2-propenyl)-2,6-dioxo-7-(phenylmethyl)-1,5-dioxonan-3-yl]-(9CI) (CA INDEX NAME)

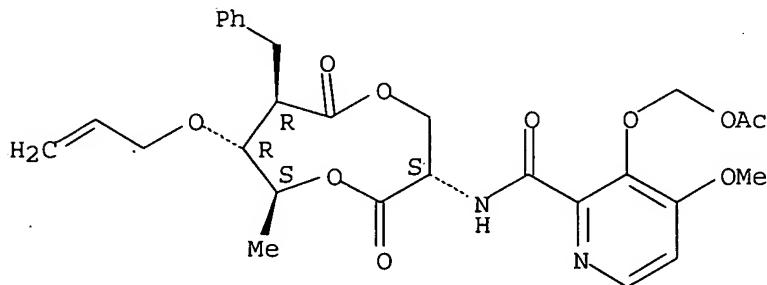
Absolute stereochemistry.



RN 512192-33-5 CAPLUS

CN 2-Pyridinecarboxamide, 3-[(acetyloxy)methoxy]-4-methoxy-N-[(3S,7R,8R,9S)-9-methyl-2,6-dioxo-7-(phenylmethyl)-8-(2-propenyl)-1,5-dioxonan-3-yl]-(9CI) (CA INDEX NAME)

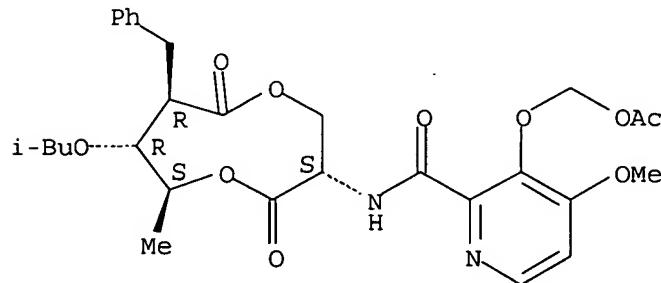
Absolute stereochemistry.



RN 512192-36-8 CAPLUS

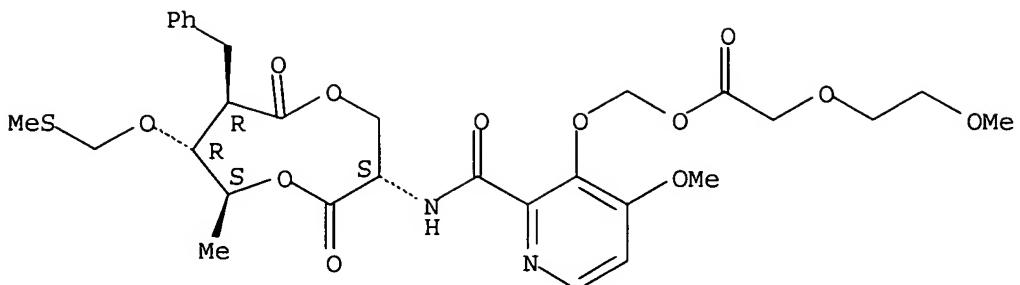
CN 2-Pyridinecarboxamide, 3-[(acetyloxy)methoxy]-4-methoxy-N-[(3S,7R,8R,9S)-9-methyl-8-(2-methylpropoxy)-2,6-dioxo-7-(phenylmethyl)-1,5-dioxonan-3-yl]-(9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 517875-15-9 CAPLUS

CN Propanoic acid, 2-methyl-, (3S,6S,7R,8R)-3-[[[4-methoxy-3-(methoxymethoxy)-2-pyridinyl]carbonyl]amino]-6-methyl-4,9-dioxo-8-(phenylmethyl)-1,5-dioxonan-7-yl ester (9CI) (CA INDEX NAME)

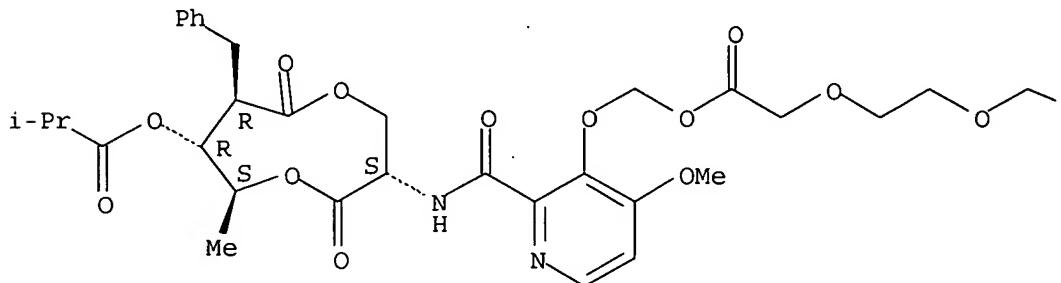


RN 517875-86-4 CAPLUS

CN Propanoic acid, 2-methyl-, (3S,6S,7R,8R)-3-[[[4-methoxy-3-[(3-oxo-2,5,8,11-tetraoxadodec-1-yl)oxy]-2-pyridinyl]carbonyl]amino]-6-methyl-4,9-dioxo-8-(phenylmethyl)-1,5-dioxonan-7-yl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.

PAGE 1-A



PAGE 1-B

L19 ANSWER 2 OF 7 CAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 2003:301046 CAPLUS

DOCUMENT NUMBER: 138:321054

TITLE: Process to produce alkyl-ether derivatives of UK-2A

INVENTOR(S): Niyaz, Normohammed Mohamed; Deamicis, Carl Vincent; Rogers, Richard Brewer; Meyer, Kevin Gerald; Dent, William Hunter, III; Anzeveno, Peter Biagio

PATENT ASSIGNEE(S): Dow Agrosciences LLC, USA

SOURCE: PCT Int. Appl., 20 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

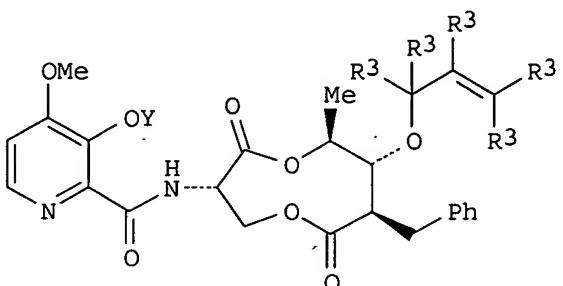
1459190

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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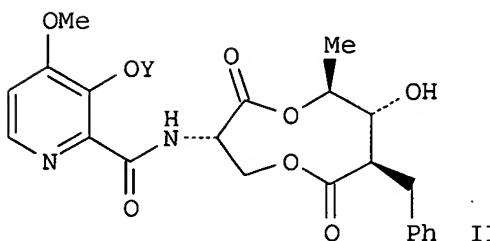
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US 2004186296 A1 20040923 US 2004-491978 20040405
 PRIORITY APPLN. INFO.: US 2001-327547P P 20011005
 WO 2002-US31848 W 20021004

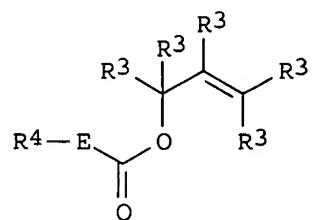
OTHER SOURCE(S): MARPAT 138:321054
 GI



I



II



III

AB A process is disclosed for the preparation of allyl-alkyl ether derivs. I [Y = H, benzyl, Si(alkyl)3, etc.; R3 = H, alk(en/yn)yl, cycloalkyl, (hetero)aryl] of antibiotic UK-2A. The process is comprised of coupling II with III [E = O, NR6; R4, R6 = alkyl, aryl] in the presence of a catalyst complex and solvent. For instance II [Y = PhCH2] was coupled to Et methallylcarbonate (dppf, Pd2dba3) to give the corresponding methallyl derivative of I. Several examples are provided and subsequent sidechain reduction

is also described.

IT 496781-72-7P 512192-28-8P 512192-29-9P
 512192-30-2P 512192-31-3P 512192-32-4P
 512192-33-5P 512192-34-6P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)

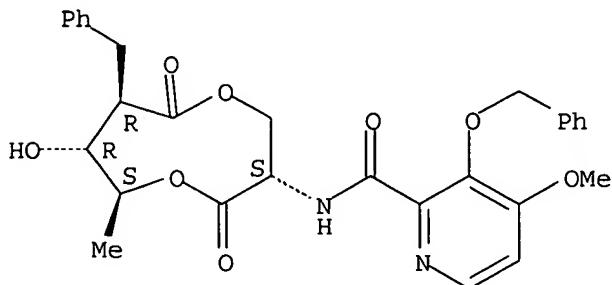
(palladium catalyzed allylation process to produce alkyl-ether derivs. of UK-2A)

RN 496781-72-7 CAPLUS

10/647,172

CN 2-Pyridinecarboxamide, N-[(3S,7R,8R,9S)-8-hydroxy-9-methyl-2,6-dioxo-7-(phenylmethyl)-1,5-dioxonan-3-yl]-4-methoxy-3-(phenylmethoxy)- (9CI) (CA INDEX NAME)

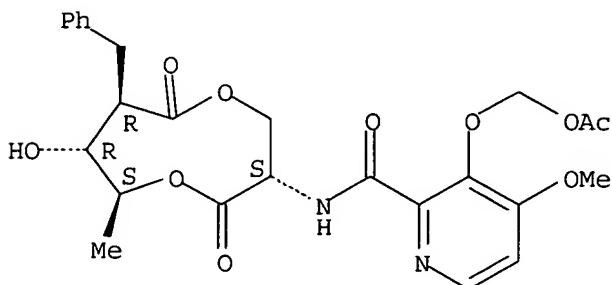
Absolute stereochemistry.



RN 512192-28-8 CAPLUS

CN 2-Pyridinecarboxamide, 3-[(acetyloxy)methoxy]-N-[(3S,7R,8R,9S)-8-hydroxy-9-methyl-2,6-dioxo-7-(phenylmethyl)-1,5-dioxonan-3-yl]-4-methoxy- (9CI) (CA INDEX NAME)

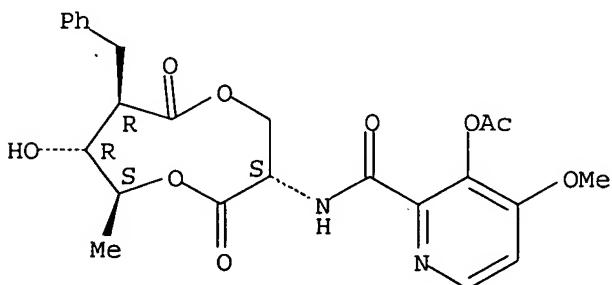
Absolute stereochemistry.



RN 512192-29-9 CAPLUS

CN 2-Pyridinecarboxamide, 3-(acetyloxy)-N-[(3S,7R,8R,9S)-8-hydroxy-9-methyl-2,6-dioxo-7-(phenylmethyl)-1,5-dioxonan-3-yl]-4-methoxy- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

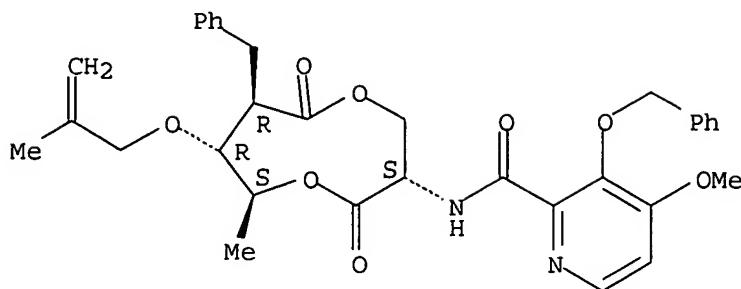


RN 512192-30-2 CAPLUS

CN 2-Pyridinecarboxamide, 4-methoxy-N-[(3S,7R,8R,9S)-9-methyl-8-(2-methyl-2-propenyl)-2,6-dioxo-7-(phenylmethyl)-1,5-dioxonan-3-yl]-3-(phenylmethoxy)- (9CI) (CA INDEX NAME)

10/647,172

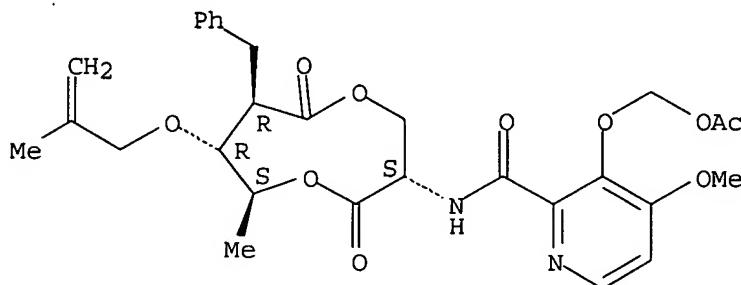
Absolute stereochemistry.



RN 512192-31-3 CAPLUS

CN 2-Pyridinecarboxamide, 3-[(acetyloxy)methoxy]-4-methoxy-N-[(3S,7R,8R,9S)-9-methyl-8-(2-methyl-2-propenyl)-2,6-dioxo-7-(phenylmethyl)-1,5-dioxonan-3-yl]-(9CI) (CA INDEX NAME)

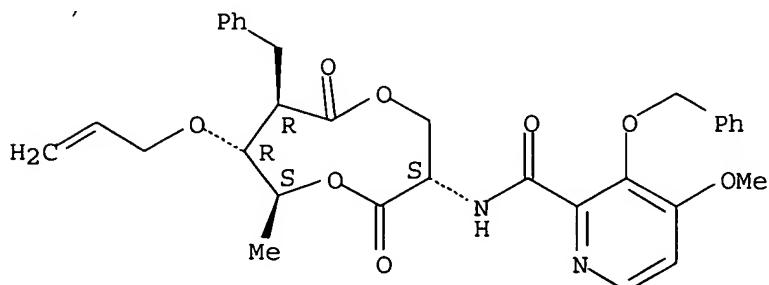
Absolute stereochemistry.



RN 512192-32-4 CAPLUS

CN 2-Pyridinecarboxamide, 4-methoxy-N-[(3S,7R,8R,9S)-9-methyl-2,6-dioxo-7-(phenylmethyl)-8-(2-propenyl)-1,5-dioxonan-3-yl]-3-(phenylmethoxy)-(9CI) (CA INDEX NAME)

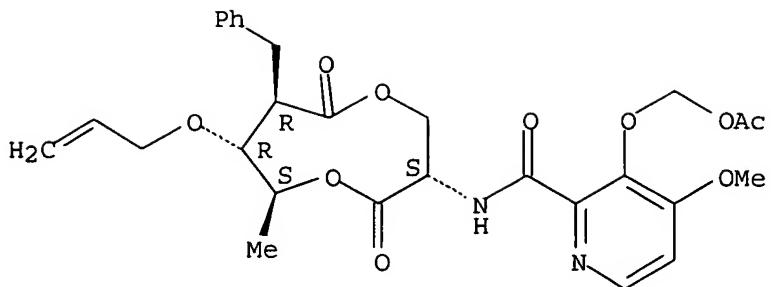
Absolute stereochemistry.



RN 512192-33-5 CAPLUS

CN 2-Pyridinecarboxamide, 3-[(acetyloxy)methoxy]-4-methoxy-N-[(3S,7R,8R,9S)-9-methyl-2,6-dioxo-7-(phenylmethyl)-8-(2-propenyl)-1,5-dioxonan-3-yl]-(9CI) (CA INDEX NAME)

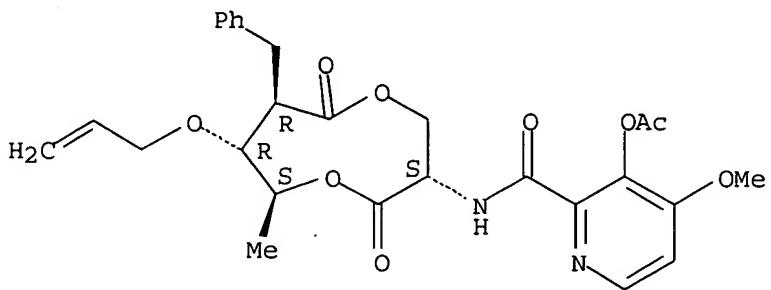
Absolute stereochemistry.



RN 512192-34-6 CAPLUS

CN 2-Pyridinecarboxamide, 3-(acetyloxy)-4-methoxy-N-[(3S,7R,8R,9S)-9-methyl-2,6-dioxo-7-(phenylmethyl)-8-(2-propenyl)-1,5-dioxolan-3-yl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



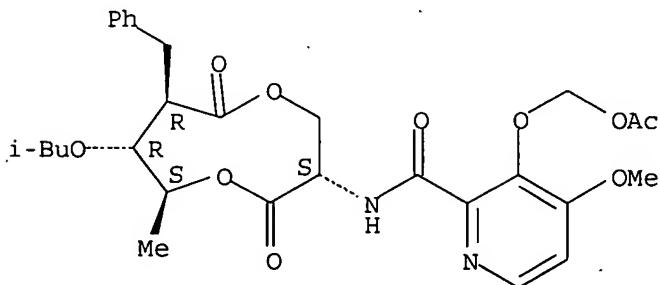
IT 512192-36-8P 512192-38-0P

RL: SPN (Synthetic preparation); PREP (Preparation)
(palladium catalyzed allylation process to produce alkyl-ether derivs.
of UK-2A)

RN 512192-36-8 CAPLUS

CN 2-Pyridinecarboxamide, 3-[(acetyloxy)methoxy]-4-methoxy-N-[(3S,7R,8R,9S)-9-methyl-8-(2-methylpropoxy)-2,6-dioxo-7-(phenylmethyl)-1,5-dioxolan-3-yl]- (9CI) (CA INDEX NAME)

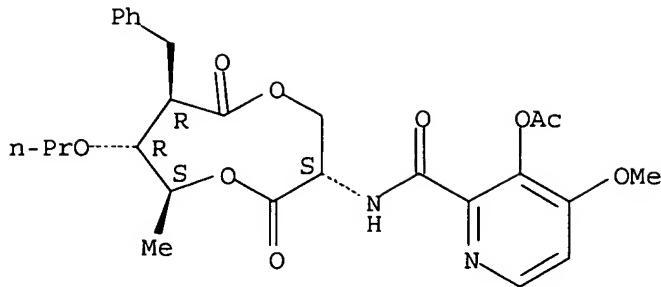
Absolute stereochemistry.



RN 512192-38-0 CAPLUS

CN 2-Pyridinecarboxamide, 3-(acetyloxy)-4-methoxy-N-[(3S,7R,8R,9S)-9-methyl-2,6-dioxo-7-(phenylmethyl)-8-propoxy-1,5-dioxolan-3-yl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



L19 ANSWER 3 OF 7 CAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 2003:117821 CAPLUS

DOCUMENT NUMBER: 138:153370

TITLE: Preparation of UK-2A derivatives via reductive cleavage of the exocyclic ester of UK-2A or its derivatives

INVENTOR(S): Meyer, Kevin Gerald; Niyaz, Normohammed Mohamed; Deamicis, Carl Vincent; Rogers, Richard Brewer

PATENT ASSIGNEE(S): Dow Agrosciences LLC, USA

SOURCE: PCT Int. Appl., 15 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

Assigned

LANGUAGE: English

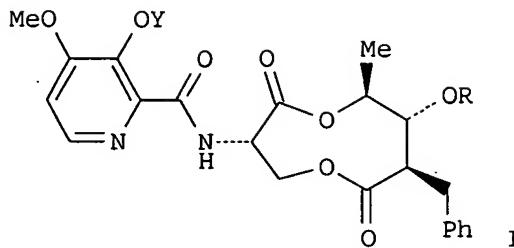
FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

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WO 2003011857	A1	20030213	WO 2002-US24204	20020731
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RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
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JP 2005501836	T2	20050120	JP 2003-517049	20020731
US 2004171838	A1	20040902	US 2004-483947	20040115
PRIORITY APPLN. INFO.:			US 2001-308939P	P 20010731
			WO 2002-US24204	W 20020731

OTHER SOURCE(S): CASREACT 138:153370; MARPAT 138:153370

GI



AB The present invention discloses a process for the preparation of UK-2A derivs., such as I [R = H; Y = H, (un)substituted benzyl, CH₂OC₁₋₈ alkyl, CH₂OC₃₋₈ cycloalkyl, allyl, (un)substituted tetrahydropyranyl, (un)substituted tetrahydrofuranyl, Si(C₁₋₄ alkyl)₃, and Si(Ph)_x(C₁₋₄ alkyl)_{3-x} where x = 1-3], via reductive cleavage of the exocyclic ester of UK-2A I [R = OCOCH(Me)₂; Y = H (II)] or its derivs., such as I [R = COCH(Me)₂; Y = H, (un)substituted benzyl, CH₂OC₁₋₈ alkyl, CH₂OC₃₋₈ cycloalkyl, allyl, (un)substituted tetrahydropyranyl, (un)substituted tetrahydrofuranyl, Si(C₁₋₄ alkyl)₃, and Si(Ph)_x(C₁₋₄ alkyl)_{3-x} where x = 1-3], in the presence of a reducing agent and in the presence of an aprotic solvent. Thus, II was reacted with benzyl bromide to afford O-benzylated derivative I [R = OCOCH(Me)₂; Y = CH₂Ph], which was treated with diisobutylaluminum hydride to afford UK-2A derivative I [R = H; Y = CH₂Ph].

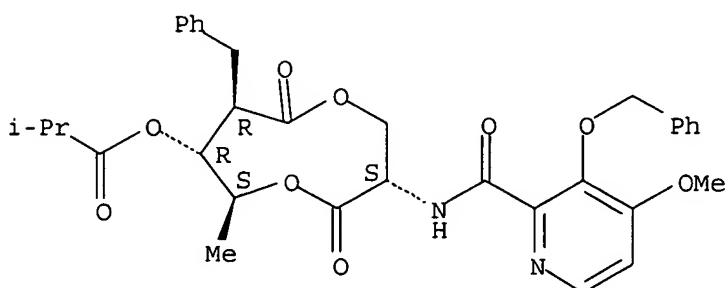
IT 234112-89-1P

RL: IMF (Industrial manufacture); RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent) (preparation of UK-2A derivs. via reductive cleavage of the exocyclic ester of UK-2A or its derivs.)

RN 234112-89-1 CAPLUS

CN Propanoic acid, 2-methyl-, (3S,6S,7R,8R)-3-[[[4-methoxy-3-(phenylmethoxy)-2-pyridinyl]carbonyl]amino]-6-methyl-4,9-dioxo-8-(phenylmethyl)-1,5-dioxonan-7-yl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.



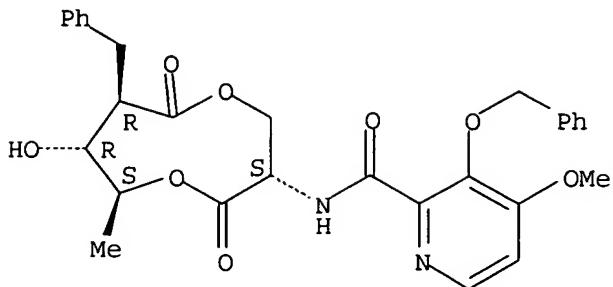
IT 496781-72-7P

RL: IMF (Industrial manufacture); SPN (Synthetic preparation); PREP (Preparation) (preparation of UK-2A derivs. via reductive cleavage of the exocyclic ester of UK-2A or its derivs.)

RN 496781-72-7 CAPLUS

CN 2-Pyridinecarboxamide, N-[(3S,7R,8R,9S)-8-hydroxy-9-methyl-2,6-dioxo-7-(phenylmethyl)-1,5-dioxonan-3-yl]-4-methoxy-3-(phenylmethoxy)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



REFERENCE COUNT: 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L19 ANSWER 4 OF 7 CAPLUS COPYRIGHT 2005 ACS on STN
 ACCESSION NUMBER: 2001:152650 CAPLUS
 DOCUMENT NUMBER: 134:207831
 TITLE: Preparation, composition and use of heterocyclic aromatic amides as fungicides
 INVENTOR(S): Ricks, Michael John; Dent, William Hunter, III; Rogers, Richard Brewer; Yao, Chenglin; Nader, Bassam Salim; Miesel, John Louis; Fitzpatrick, Gina Marie; Meyer, Kevin Gerald; Niyaz, Noormohamed Mohamed; Morrison, Irene Mae; Henry, Matthew James; Adamski, Butz Jenifer Lynn; Gajewski, Robert Peter
 PATENT ASSIGNEE(S): Dow Agrosciences LLC, USA
 SOURCE: PCT Int. Appl., 200 pp.
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 2
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001014339	A2	20010301	WO 2000-US21523	20000804
WO 2001014339	A3	20011115		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
US 6521622	B1	20030218	US 2000-620662	20000720
CA 2376275	AA	20010301	CA 2000-2376275	20000804
AU 2000065267	A5	20010319	AU 2000-65267	20000804
AU 778108	B2	20041118		
US 6355660	B1	20020312	US 2000-632930	20000804
EP 1204643	A2	20020515	EP 2000-952599	20000804
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EP 1234823	A3	20030618		
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IE, SI, LT, LV, FI, RO, MK, CY, AL				
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EP 1234826	A3	20030618		
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EP 1234827	A3	20030618		
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TR 200200409	T2	20030321	TR 2002-200200409	20000804
BR 2000013469	A	20030429	BR 2000-13469	20000804
JP 2003527324	T2	20030916	JP 2001-518428	20000804
EP 1486489	A2	20041215	EP 2004-22082	20000804
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EP 1493733	A2	20050105	EP 2004-22081	20000804
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US 2002177578	A1	20021128	US 2001-22413	20011213
US 2003018052	A1	20030123	US 2001-22207	20011213
US 2003018012	A1	20030123	US 2001-22511	20011213
US 6706740	B2	20040316		
US 2003022902	A1	20030130	US 2001-22483	20011213
US 2003022903	A1	20030130	US 2001-23497	20011213
ZA 2002000435	A	20030117	ZA 2002-435	20020117
US 2004034025	A1	20040219	US 2002-307844	20021202
US 2004048864	A1	20040311	US 2002-307710	20021202
PRIORITY APPLN. INFO.:				
US 1999-149977P P 19990820				
US 1999-150248P P 19990823				
US 2000-620662 A 20000720				
US 1999-144676P P 19990720				
EP 2000-952599 A3 20000804				
US 2000-632930 A3 20000804				
WO 2000-US21523 W 20000804				

OTHER SOURCE(S) :

MARPAT 134:207831

GI

* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT *

AB Title compds. [I; wherein X1-X4 independently = O, S, NR1, N, CR2, bond; R1 = H, C1-3 alkyl, C2-3 alkenyl, C2-3 alkynyl, OH, CHF2, C1-4 alkoxy; R2 = H, F, Cl, Br, CN, OH, C1-3 alkyl, C1-3 haloalkyl cyclopropyl, C1-3 alkoxy; Z = O, S, NOH, NOR3; R3 = C1-3 alkyl; A = C1-14 alkyl, C1-14 alkynyl, C1-14 cycloalkyl, aryl, heteroaryl, Q; M = H, Si(t-Bu)Me2, Si(Ph)Me2, SiEt3, CZR4, SO2R5; R4 = H, C1-6 alkyl, C2-6 alkenyl, C2-6 alkynyl; R5 = aryl, heteroaryl, C1-6 alkyl, C2-6 alkenyl, C3-6 alkynyl, C3-6 alkynyl, C3-6 cycloalkyl; X, Y independently = O, S; W = O, CH2, bond; R = C1-8 alkyl, C2-8 alkenyl, C2-8 alkynyl, C3-8 cycloalkyl, aryl, heteroaryl; R11 = H, C1-3 alkyl, C2-5 alkenyl, C2-5 alkynyl; R10 = H, R, OR, OCOR, OCOOR; R8, R9 independently = H, C1-6 alkyl, C2-6 alkenyl; R6, R7 independently = H, C1-6 alkyl, C2-6 alkenyl, C2-5 alkynyl, C3-6 cycloalkyl] are prepared as fungicides involving application methods of effective usage of title compds. to control fungi, particularly plant pathogens and wood decaying

fungi. The invention also encompasses hydrates, salts and complexes thereof. The title compound II was prepared and tested as fungicide.

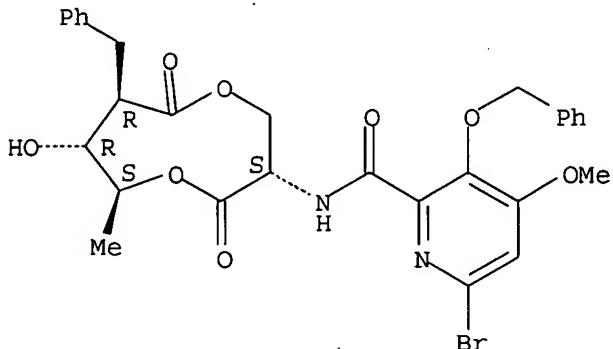
IT 321601-47-2

RL: RCT (Reactant); RACT (Reactant or reagent)
(preparation and fungicidal activity of heterocyclic aromatic amides)

RN 321601-47-2 CAPLUS

CN 2-Pyridinecarboxamide, 6-bromo-N-[(3S,7R,8R,9S)-8-hydroxy-9-methyl-2,6-dioxo-7-(phenylmethyl)-1,5-dioxonan-3-yl]-4-methoxy-3-(phenylmethoxy)-(9CI) (CA INDEX NAME)

Absolute stereochemistry.



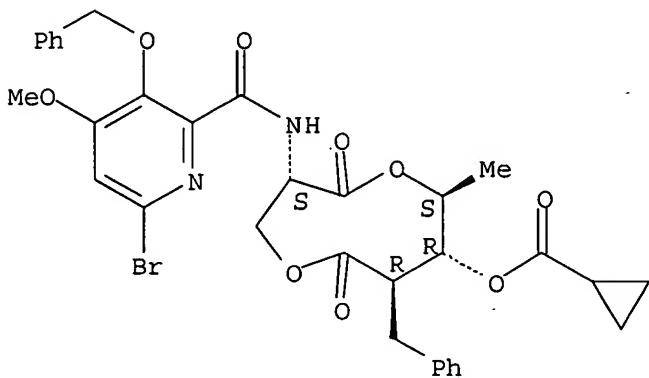
IT 321597-69-7P 321597-70-0P 321597-71-1P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(preparation and fungicidal activity of heterocyclic aromatic amides)

RN 321597-69-7 CAPLUS

CN Cyclopropanecarboxylic acid, (3S,6S,7R,8R)-3-[[[6-bromo-4-methoxy-3-(phenylmethoxy)-2-pyridinyl]carbonyl]amino]-6-methyl-4,9-dioxo-8-(phenylmethyl)-1,5-dioxonan-7-yl ester (9CI) (CA INDEX NAME)

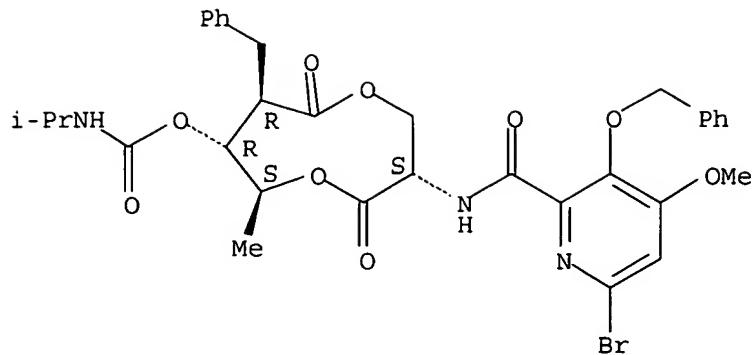
Absolute stereochemistry.



RN 321597-70-0 CAPLUS

CN Carbamic acid, (1-methylethyl)-, (3S,6S,7R,8R)-3-[[[6-bromo-4-methoxy-3-(phenylmethoxy)-2-pyridinyl]carbonyl]amino]-6-methyl-4,9-dioxo-8-(phenylmethyl)-1,5-dioxonan-7-yl ester (9CI) (CA INDEX NAME)

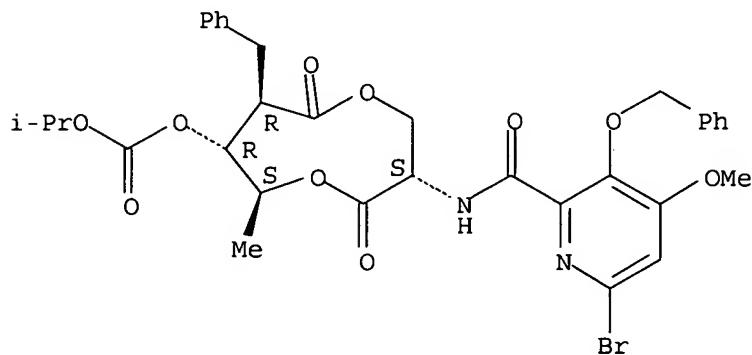
Absolute stereochemistry.



RN 321597-71-1 CAPLUS

CN Carbonic acid, (3S,6S,7R,8R)-3-[[[6-bromo-4-methoxy-3-(phenylmethoxy)-2-pyridinyl]carbonyl]amino]-6-methyl-4,9-dioxo-8-(phenylmethyl)-1,5-dioxonan-7-yl 1-methylethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.



IT 328255-87-4P 328255-88-5P 328255-89-6P

328255-90-9P 328255-91-0P 328255-92-1P

328255-93-2P 328255-94-3P 328255-95-4P

328255-96-5P 328255-97-6P 328256-00-4P

328256-01-5P 328256-02-6P 328256-03-7P

328256-15-1P 328256-16-2P 328256-17-3P

328256-21-9P 328256-23-1P 328256-24-2P

328256-25-3P 328256-26-4P 328256-27-5P

328256-28-6P 328256-29-7P 328256-31-1P

328256-32-2P 328256-33-3P 328256-36-6P

328256-37-7P 328256-38-8P 328256-39-9P

328256-40-2P 328256-42-4P 328256-45-7P

328256-47-9P 328256-56-0P 328256-57-1P

328256-58-2P 328256-59-3P 328256-60-6P

328256-61-7P 328256-62-8P 328256-63-9P

328256-64-0P 328256-65-1P 328256-66-2P

328256-67-3P 328256-68-4P 328256-76-4P

328256-78-6P 328256-81-1P 328256-83-3P

328256-85-5P 328256-86-6P 328256-87-7P

328256-88-8P 328256-89-9P 328256-91-3P

328257-06-3P 328257-07-4P 328257-08-5P

RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation)

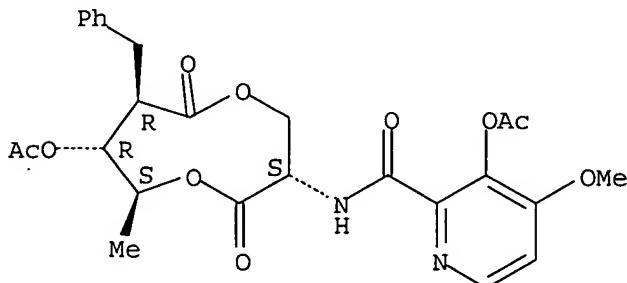
(preparation of heterocyclic aromatic amides as fungicides)

RN 328255-87-4 CAPLUS

10/647,172

CN 2-Pyridinecarboxamide, 3-(acetyloxy)-N-[(3S,7R,8R,9S)-8-(acetyloxy)-9-methyl-2,6-dioxo-7-(phenylmethyl)-1,5-dioxolan-3-yl]-4-methoxy- (9CI) (CA INDEX NAME)

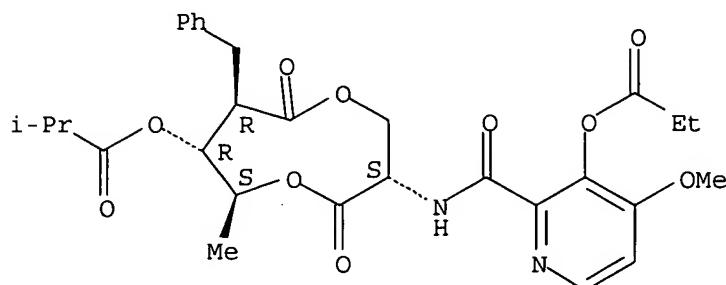
Absolute stereochemistry.



RN 328255-88-5 CAPLUS

CN Propanoic acid, 2-methyl-, (3S,6S,7R,8R)-3-[[4-methoxy-3-(1-oxopropoxy)-2-pyridinyl]carbonyl]amino]-6-methyl-4,9-dioxo-8-(phenylmethyl)-1,5-dioxolan-7-yl ester (9CI) (CA INDEX NAME)

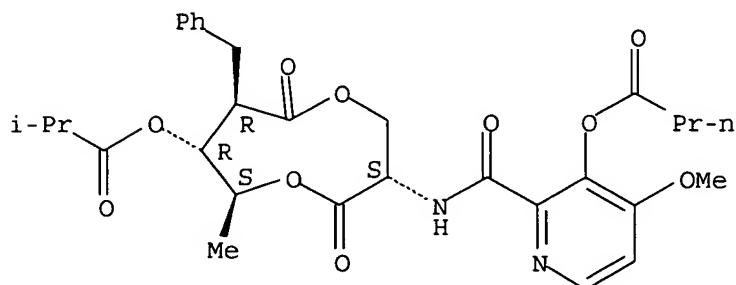
Absolute stereochemistry.



RN 328255-89-6 CAPLUS

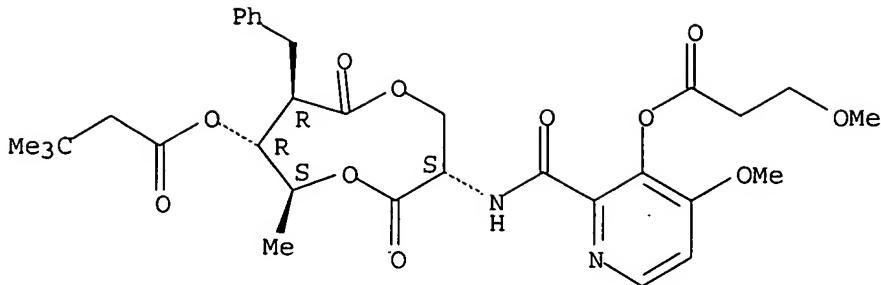
CN Butanoic acid, 4-methoxy-2-[[[(3S,7R,8R,9S)-9-methyl-8-(2-methyl-1-oxopropoxy)-2,6-dioxo-7-(phenylmethyl)-1,5-dioxolan-3-yl]amino]carbonyl]-3-pyridinyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 328255-90-9 CAPLUS

CN 2-Butenoic acid, 4-methoxy-2-[[[(3S,7R,8R,9S)-9-methyl-8-(2-methyl-1-oxopropoxy)-2,6-dioxo-7-(phenylmethyl)-1,5-dioxolan-3-yl]amino]carbonyl]-3-pyridinyl ester, (2E)- (9CI) (CA INDEX NAME)



L19 ANSWER 5 OF 7 CAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 2001:63978 CAPLUS

DOCUMENT NUMBER: 134:131431

DOCUMENT NUMBER: 154-151451
TITLE: Fungicidal heterocyclic aromatic amides and their compositions, methods of use and preparation

INVENTOR(S) : Ricks, Michael John; Dent, William Hunter, III;
Rogers, Richard Brewer; Yao, Chenglin; Nader, Bassam
Salim; Miesel, John Louis; Fitzpatrick, Gina Marie;
Meyer, Kevin Gerald; Niyaz, Noormohamed Mohamed;
Morrison, Irene Mae; Gajewski, Robert Peter

PATENT ASSIGNEE(S) : Dow Agrosciences LLC, USA

SOURCE: PCT Int. Appl., 159 pp.

CODEN: PTXXD2

DOCUMENT TYPE: Patent

DOCUMENT 111
LANGUAGE:

MEMORIES: FAMILY AC

PATENT INFO.:

PATENT INFORMATION:

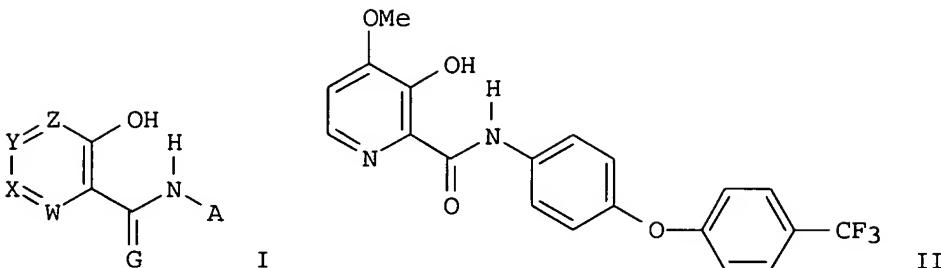
PATIENTS AND

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PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001005769	A2	20010125	WO 2000-US19794	20000720
WO 2001005769	A3	20011122		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
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EP 1196388	A2	20020417	EP 2000-950470	20000720
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BR 2000012615	A	20040330	BR 2000-12615	20000720
TR 200200587	T2	20041221	TR 2002-200200587	20000720
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US 2003018052	A1	20030123	US 2001-22207	20011213
US 2003018012	A1	20030123	US 2001-22511	20011213

US 6706740	B2	20040316		
US 2003022902	A1	20030130	US 2001-22483	20011213
US 2003022903	A1	20030130	US 2001-23497	20011213
ZA 2002000436	A	20040302	ZA 2002-436	20020117
US 2004034025	A1	20040219	US 2002-307844	20021202
US 2004048864	A1	20040311	US 2002-307710	20021202
IRITY APPLN. INFO.:			US 1999-144676P	P 19990720
			US 1999-149977P	P 19990820
			US 1999-150248P	P 19990823
			EP 2000-950470	A3 20000720
			US 2000-620662	A3 20000720
			WO 2000-US19794	W 20000720
			US 2000-632930	A3 20000804

OTHER SOURCE(S) : MARPAT 134:131431
GI



AB Title compd. I [W, X, Y, Z are selected from S, O, NR1, N, CR2 or bond and comprise a 5-6 membered (un)substituted heterocyclic ring; R1 = H, alkyl, alkenyl, alkynyl, OH, acyloxy, alkoxy, alkoxymethyl, CHF₂, cyclopropyl, or alkoxy; R2 = H, halo, CN, OH, alkyl, haloalkyl, cyclopropyl, alkoxy, haloalkoxy, etc.; G = O, S or NOR3 where R3 = H or alkyl; A = (un)substituted alkyl, alkenyl, alkynyl, cycloalkyl, unsatd. cycloalkyl, heterocycle, bi or tricyclic ring system which may contain heteroatoms, aryl or heteroaryl, etc.] bearing a hydroxy group adjacent to the amide functionality are prepared and disclosed as antifungal agents, particularly for plants. Thus, pyridinyl carboxamide II was prepared via amidation of 3-benzyloxy-6-bromo-4-methoxypyridin-2-carbonyl chloride with 4-(4-trifluoromethylphenoxy)aniline with subsequent deprotection. The preferred fungicidal composition consists of a compound of formula I with a phytol. acceptable carrier. Activity has been demonstrated against a variety of fungi, e.g., *Plasmopara viticola* (Downy Mildew of Grape), *Phytophthora infestans* (Late Blight of Tomato), and *Venturia inaequalis* (Apple Scab). I is both useful for eradication and prevention of fungal attack.

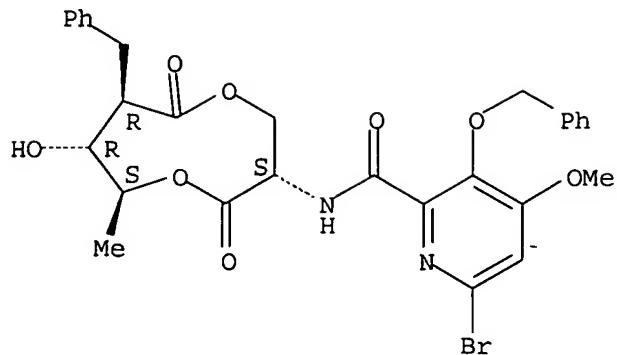
IT 321601-47-2

RL: RCT (Reactant); RACT (Reactant or reagent)
(preparation and fungicidal activity of heterocyclic aromatic amides)

RN 321601-47-2 CAPLUS

CN 2-Pyridinecarboxamide, 6-bromo-N-[(3S,7R,8R,9S)-8-hydroxy-9-methyl-2,6-dioxo-7-(phenylmethyl)-1,5-dioxinan-3-yl]-4-methoxy-3-(phenylmethoxy)-(9CI) (CA INDEX NAME)

Absolute stereochemistry.



IT 321597-69-7P 321597-70-0P 321597-71-1P

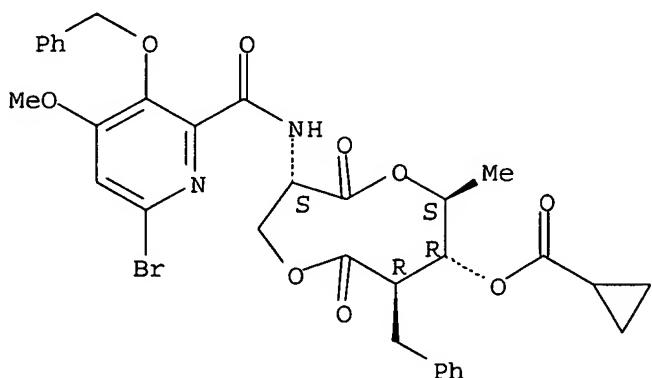
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)

(preparation and fungicidal activity of heterocyclic aromatic amides)

RN 321597-69-7 CAPLUS

CN Cyclopropanecarboxylic acid, (3S,6S,7R,8R)-3-[[[6-bromo-4-methoxy-3-(phenylmethoxy)-2-pyridinyl]carbonyl]amino]-6-methyl-4,9-dioxo-8-(phenylmethyl)-1,5-dioxonan-7-yl ester (9CI) (CA INDEX NAME)

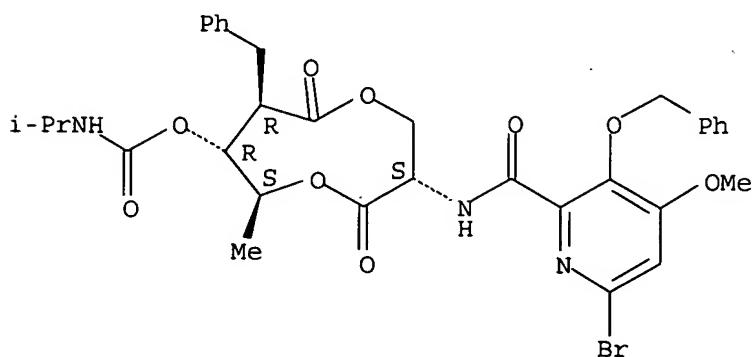
Absolute stereochemistry.



RN 321597-70-0 CAPLUS

CN Carbamic acid, (1-methylethyl)-, (3S,6S,7R,8R)-3-[[[6-bromo-4-methoxy-3-(phenylmethoxy)-2-pyridinyl]carbonyl]amino]-6-methyl-4,9-dioxo-8-(phenylmethyl)-1,5-dioxonan-7-yl ester (9CI) (CA INDEX NAME)

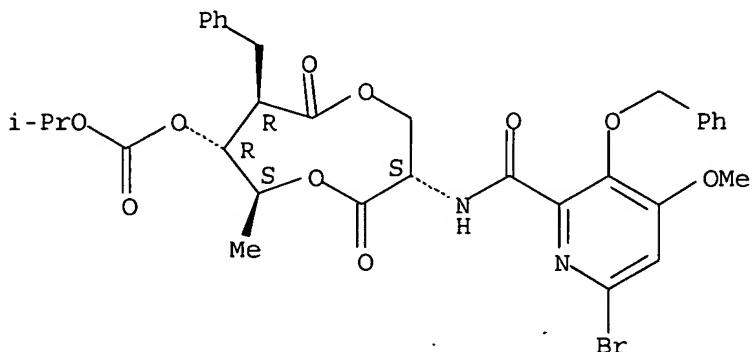
Absolute stereochemistry.



RN 321597-71-1 CAPLUS

CN Carbonic acid, (3S,6S,7R,8R)-3-[[[6-bromo-4-methoxy-3-(phenylmethoxy)-2-pyridinyl]carbonyl]amino]-6-methyl-4,9-dioxo-8-(phenylmethyl)-1,5-dioxonan-7-yl 1-methylethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.



L19 ANSWER 6 OF 7 CAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 1999:511149 CAPLUS

DOCUMENT NUMBER: 131:129825

TITLE: Novel antifungal compounds and process for producing the same

INVENTOR(S): Sakanaka, Osamu; Teraoka, Takeshi; Mitomo, Koichi; Tamura, Takayoshi; Murai, Yasushi; Iinuma, Katsuhiro; Kuzuhara, Kikuko; Mikoshiba, Haruki; Taniguchi, Makoto

PATENT ASSIGNEE(S): Meiji Seika Kaisha, Ltd., Japan

SOURCE: PCT Int. Appl., 92 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

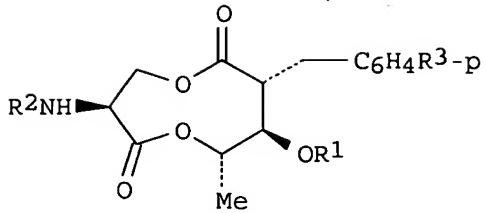
LANGUAGE: Japanese

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9940081	A1	19990812	WO 1999-JP541	19990208
W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
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EP 1054011	A1	20001122	EP 1999-903901	19990208
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI				
NZ 506249	A	20030429	NZ 1999-506249	19990208
PRIORITY APPLN. INFO.:			JP 1998-26257	A 19980206
			WO 1999-JP541	W 19990208
OTHER SOURCE(S):	MARPAT 131:129825			
GI				

data not good



I

AB The title compds. [I; R¹ = iso-Bu, tigloyl, isovaleryl, 2-methylbutanoyl; R² = H, aromatic acyl, protecting group such substituted benzoyl, substituted nicotinoyl; R³ = H, nitro, amino, acylamino, N,N-dialkylamino; with provisos] are prepared. Thus, UK-2A in CH₂Cl₂ containing pyridine and PCl₅ was refluxed for 1.5 h, the reaction mixture was allowed to cool and then reacted with methanol for 15 h to give (2R,3R,4S,7S)-7-amino-2-benzyl-5,9-dioxa-3-isobutyryloxy-4-methyl-1,6-cyclonanenedione. In an antifungal test, (2R,3R,4S,7S)-7-(2-hydroxynicotinylamino)-2-benzyl-5,9-dioxa-3-isobutyryl-4-methyl-1,6-cyclonanenedione (also prepared) at 0.05 µg showed potency almost double that of UK-2A against *Saccharomyces cerevisiae*.

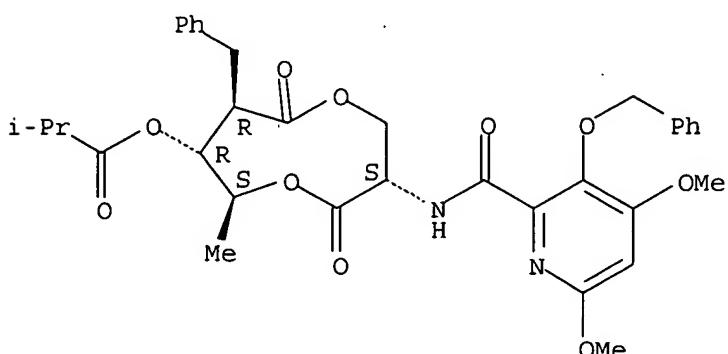
IT 234112-85-7P 234112-86-8P 234112-89-1P
234112-90-4P 234113-05-4P 234113-06-5P

RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); IMF (Industrial manufacture); RCT (Reactant); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); RACT (Reactant or reagent); USES (Uses)
(preparation of UK-2A derivs. as antifungals)

RN 234112-85-7 CAPLUS

CN Propanoic acid, 2-methyl-, (3S,6S,7R,8R)-3-[[4,6-dimethoxy-3-(phenylmethoxy)-2-pyridinyl]carbonyl]amino]-6-methyl-4,9-dioxo-8-(phenylmethyl)-1,5-dioxonan-7-yl ester (9CI) (CA INDEX NAME)

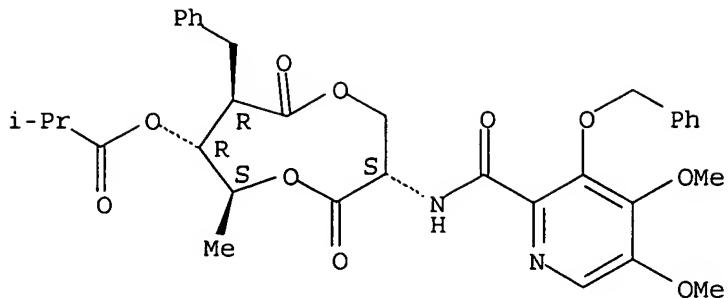
Absolute stereochemistry.



RN 234112-86-8 CAPLUS

CN Propanoic acid, 2-methyl-, (3S,6S,7R,8R)-3-[[4,5-dimethoxy-3-(phenylmethoxy)-2-pyridinyl]carbonyl]amino]-6-methyl-4,9-dioxo-8-(phenylmethyl)-1,5-dioxonan-7-yl ester (9CI) (CA INDEX NAME)

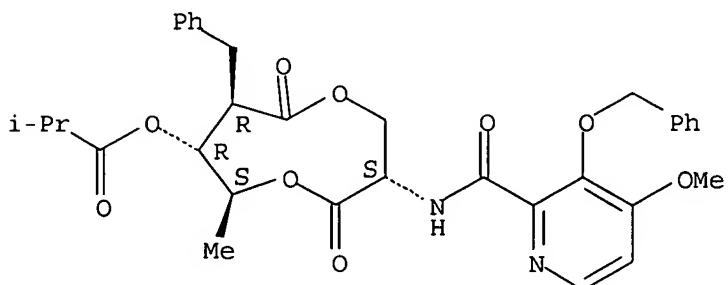
Absolute stereochemistry.



RN 234112-89-1 CAPLUS

CN Propanoic acid, 2-methyl-, (3S,6S,7R,8R)-3-[[[4-methoxy-3-(phenylmethoxy)-2-pyridinyl]carbonyl]amino]-6-methyl-4,9-dioxo-8-(phenylmethyl)-1,5-dioxonan-7-yl ester (9CI) (CA INDEX NAME)

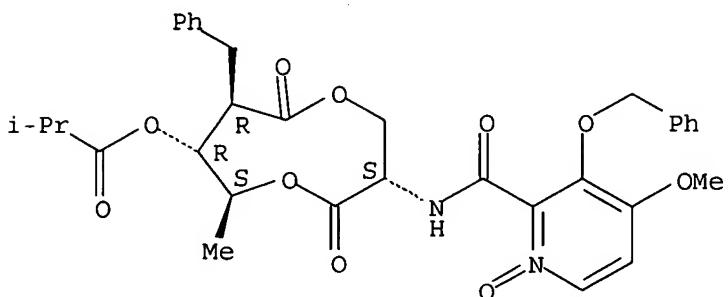
Absolute stereochemistry.



RN 234112-90-4 CAPLUS

CN Propanoic acid, 2-methyl-, (3S,6S,7R,8R)-3-[[[4-methoxy-1-oxido-3-(phenylmethoxy)-2-pyridinyl]carbonyl]amino]-6-methyl-4,9-dioxo-8-(phenylmethyl)-1,5-dioxonan-7-yl ester (9CI) (CA INDEX NAME)

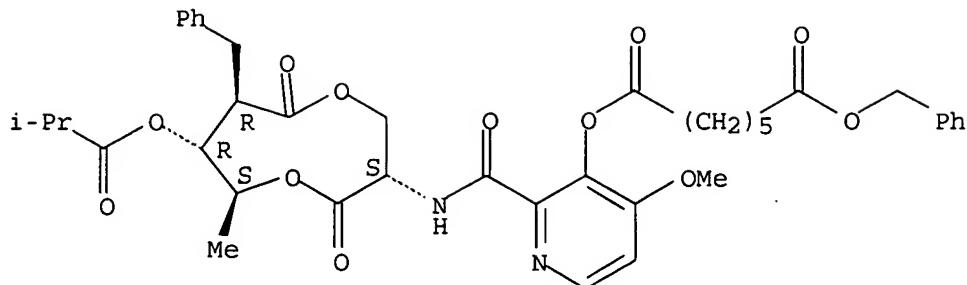
Absolute stereochemistry.



RN 234113-05-4 CAPLUS

CN Heptanedioic acid, 4-methoxy-2-[[[(3S,7R,8R,9S)-9-methyl-8-(2-methyl-1-oxopropoxy)-2,6-dioxo-7-(phenylmethyl)-1,5-dioxonan-3-yl]amino]carbonyl]-3-pyridinyl phenylmethyl ester (9CI) (CA INDEX NAME)

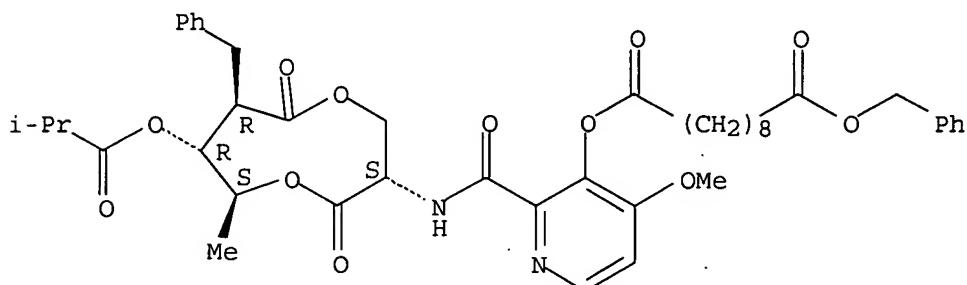
Absolute stereochemistry.



RN 234113-06-5 CAPLUS

CN Decanedioic acid, 4-methoxy-2-[[[(3S,7R,8R,9S)-9-methyl-8-(2-methyl-1-oxopropoxy)-2,6-dioxo-7-(phenylmethyl)-1,5-dioxonan-3-yl]amino]carbonyl]-3-pyridinyl phenylmethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.



IT 234112-91-5P 234112-93-7P 234112-94-8P

234112-95-9P 234112-96-0P 234112-97-1P

234112-98-2P 234112-99-3P 234113-00-9P

234113-01-0P 234113-02-1P 234113-03-2P

234113-04-3P 234113-07-6P 234113-08-7P

234113-09-8P 234113-10-1P 234113-11-2P

234113-12-3P 234113-30-5P

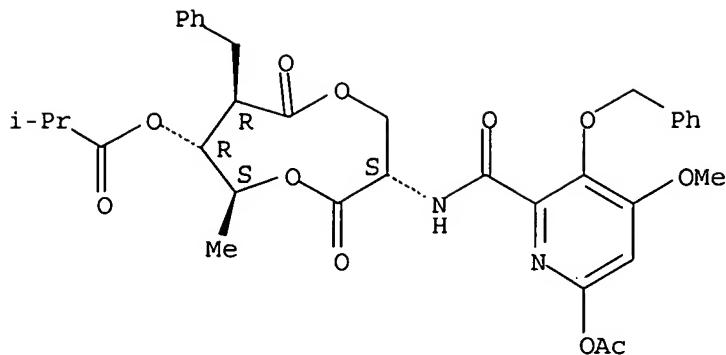
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); IMF (Industrial manufacture); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(preparation of UK-2A derivs. as antifungals)

RN 234112-91-5 CAPLUS

CN Propanoic acid, 2-methyl-, (3S,6S,7R,8R)-3-[[[6-(acetoxy)-4-methoxy-3-(phenylmethoxy)-2-pyridinyl]carbonyl]amino]-6-methyl-4,9-dioxo-8-(phenylmethyl)-1,5-dioxonan-7-yl ester (9CI) (CA INDEX NAME)

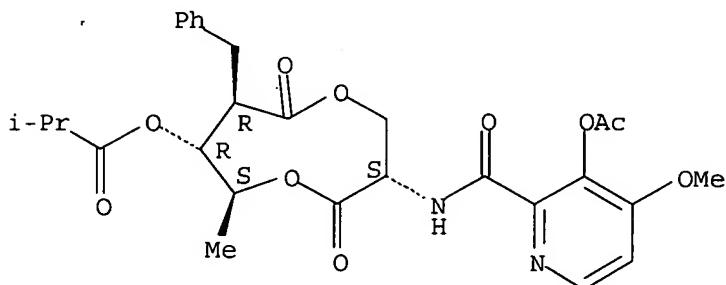
Absolute stereochemistry.



RN 234112-93-7 CAPLUS

CN Propanoic acid, 2-methyl-, (3S,6S,7R,8R)-3-[[[3-(acetyloxy)-4-methoxy-2-pyridinyl]carbonyl]amino]-6-methyl-4,9-dioxo-8-(phenylmethyl)-1,5-dioxonan-7-yl ester (9CI) (CA INDEX NAME)

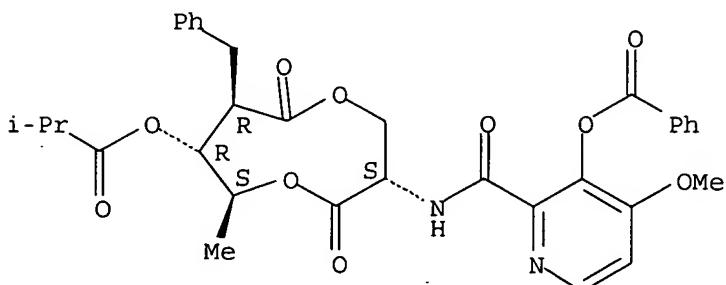
Absolute stereochemistry.



RN 234112-94-8 CAPLUS

CN Propanoic acid, 2-methyl-, (3S,6S,7R,8R)-3-[[[3-(benzoyloxy)-4-methoxy-2-pyridinyl]carbonyl]amino]-6-methyl-4,9-dioxo-8-(phenylmethyl)-1,5-dioxonan-7-yl ester (9CI) (CA INDEX NAME)

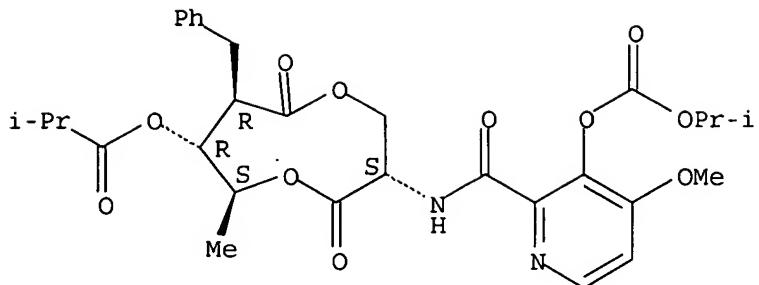
Absolute stereochemistry.



RN 234112-95-9 CAPLUS

CN Propanoic acid, 2-methyl-, (3S,6S,7R,8R)-3-[[[4-methoxy-3-[(1-methylethoxy)carbonyl]oxy]-2-pyridinyl]carbonyl]amino]-6-methyl-4,9-dioxo-8-(phenylmethyl)-1,5-dioxonan-7-yl ester (9CI) (CA INDEX NAME)

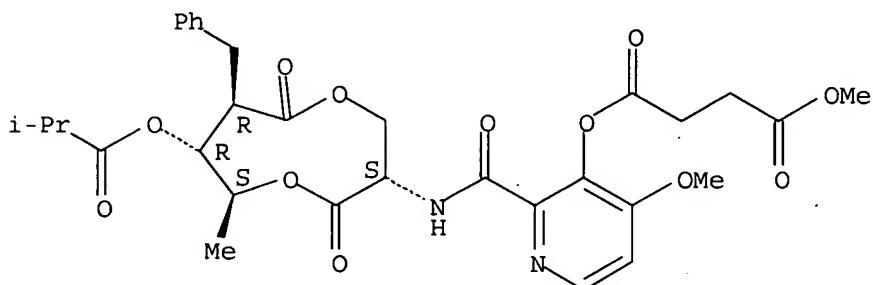
Absolute stereochemistry.



RN 234112-96-0 CAPLUS

CN Butanedioic acid, 4-methoxy-2-[[[(3S,7R,8R,9S)-9-methyl-8-(2-methyl-1-oxopropoxy)-2,6-dioxo-7-(phenylmethyl)-1,5-dioxonan-3-yl]amino]carbonyl]-3-pyridinyl methyl ester (9CI) (CA INDEX NAME)

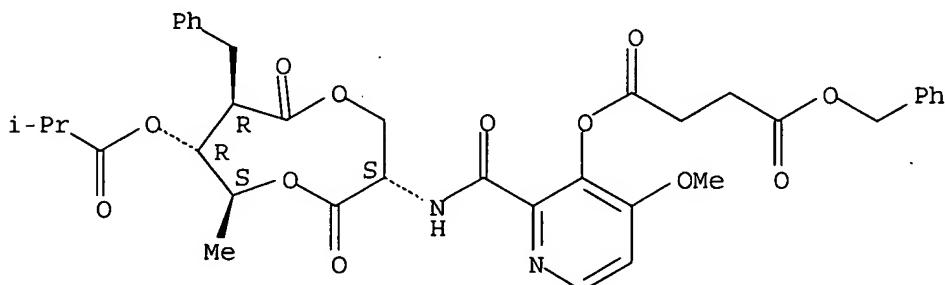
Absolute stereochemistry.



RN 234112-97-1 CAPLUS

CN Butanedioic acid, 4-methoxy-2-[[[(3S,7R,8R,9S)-9-methyl-8-(2-methyl-1-oxopropoxy)-2,6-dioxo-7-(phenylmethyl)-1,5-dioxonan-3-yl]amino]carbonyl]-3-pyridinyl phenylmethyl ester (9CI) (CA INDEX NAME)

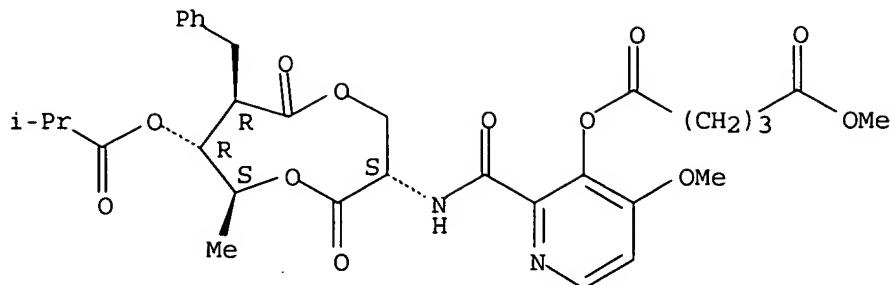
Absolute stereochemistry.



RN 234112-98-2 CAPLUS

CN Pentanedioic acid, 4-methoxy-2-[[[(3S,7R,8R,9S)-9-methyl-8-(2-methyl-1-oxopropoxy)-2,6-dioxo-7-(phenylmethyl)-1,5-dioxonan-3-yl]amino]carbonyl]-3-pyridinyl methyl ester (9CI) (CA INDEX NAME)

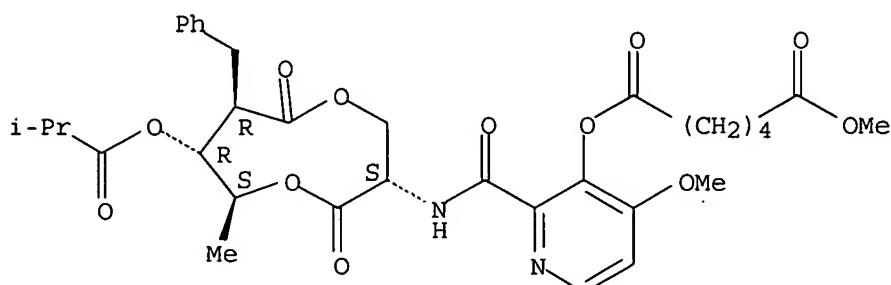
Absolute stereochemistry.



RN 234112-99-3 CAPLUS

CN Hexanedioic acid, 4-methoxy-2-[[[(3S,7R,8R,9S)-9-methyl-8-(2-methyl-1-oxopropoxy)-2,6-dioxo-7-(phenylmethyl)-1,5-dioxonan-3-yl]amino]carbonyl]-3-pyridinyl methyl ester (9CI) (CA INDEX NAME)

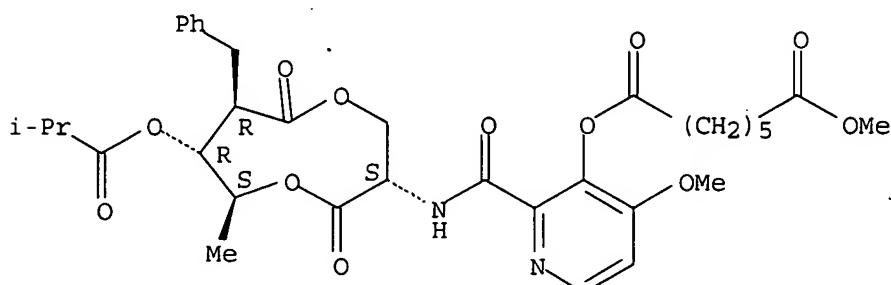
Absolute stereochemistry.



RN 234113-00-9 CAPLUS

CN Heptanedioic acid, 4-methoxy-2-[[[(3S,7R,8R,9S)-9-methyl-8-(2-methyl-1-oxopropoxy)-2,6-dioxo-7-(phenylmethyl)-1,5-dioxonan-3-yl]amino]carbonyl]-3-pyridinyl methyl ester (9CI) (CA INDEX NAME)

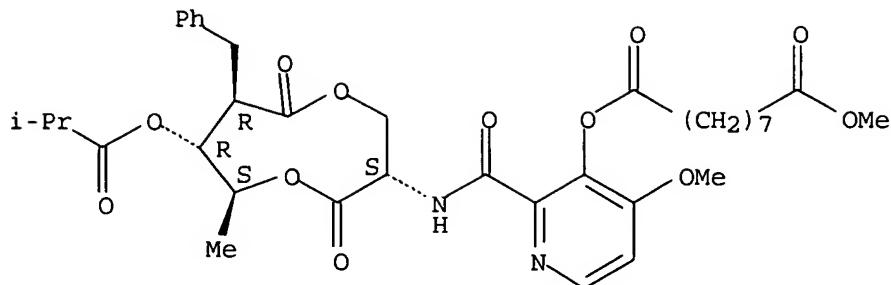
Absolute stereochemistry.



RN 234113-01-0 CAPLUS

CN Nonanedioic acid, 4-methoxy-2-[[[(3S,7R,8R,9S)-9-methyl-8-(2-methyl-1-oxopropoxy)-2,6-dioxo-7-(phenylmethyl)-1,5-dioxonan-3-yl]amino]carbonyl]-3-pyridinyl methyl ester (9CI) (CA INDEX NAME)

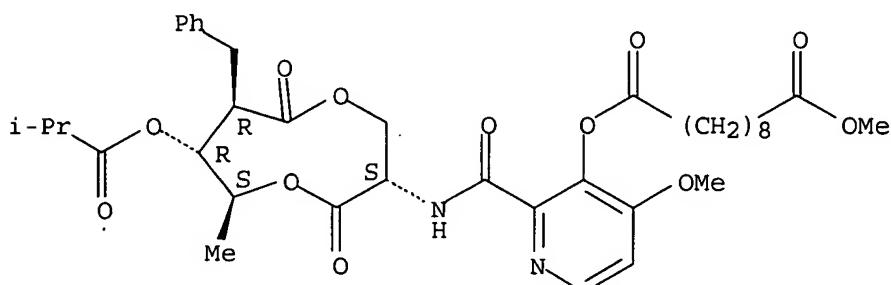
Absolute stereochemistry.



RN 234113-02-1 CAPLUS

CN Decanedioic acid, 4-methoxy-2-[[[(3S,7R,8R,9S)-9-methyl-8-(2-methyl-1-oxopropoxy)-2,6-dioxo-7-(phenylmethyl)-1,5-dioxonan-3-yl]amino]carbonyl]-3-pyridinyl methyl ester (9CI) (CA INDEX NAME)

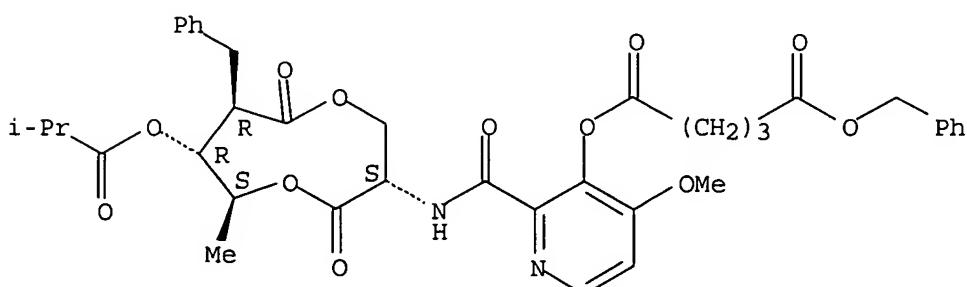
Absolute stereochemistry.



RN 234113-03-2 CAPLUS

CN Pentanedioic acid, 4-methoxy-2-[[[(3S,7R,8R,9S)-9-methyl-8-(2-methyl-1-oxopropoxy)-2,6-dioxo-7-(phenylmethyl)-1,5-dioxonan-3-yl]amino]carbonyl]-3-pyridinyl phenylmethyl ester (9CI) (CA INDEX NAME)

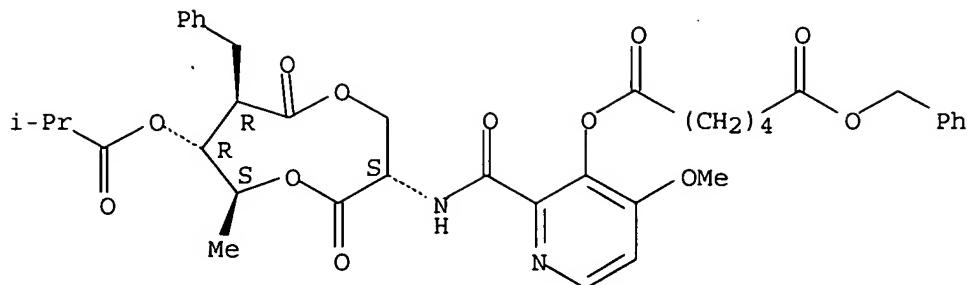
Absolute stereochemistry.



RN 234113-04-3 CAPLUS

CN Hexanedioic acid, 4-methoxy-2-[[[(3S,7R,8R,9S)-9-methyl-8-(2-methyl-1-oxopropoxy)-2,6-dioxo-7-(phenylmethyl)-1,5-dioxonan-3-yl]amino]carbonyl]-3-pyridinyl phenylmethyl ester (9CI) (CA INDEX NAME)

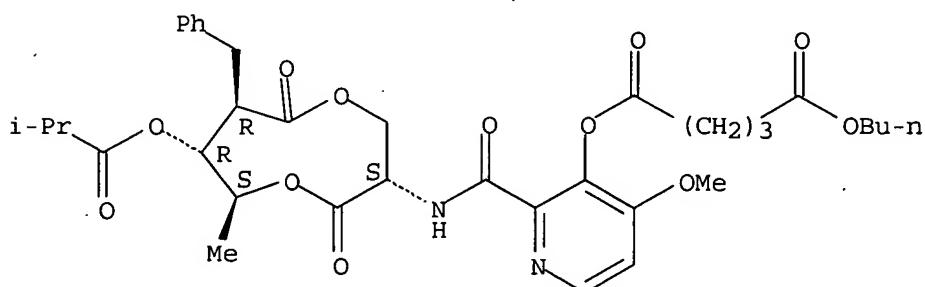
Absolute stereochemistry.



RN 234113-07-6 CAPLUS

CN Pentanedioic acid, butyl 4-methoxy-2-[[[(3S,7R,8R,9S)-9-methyl-8-(2-methyl-1-oxopropoxy)-2,6-dioxo-7-(phenylmethyl)-1,5-dioxonan-3-yl]amino]carbonyl]-3-pyridinyl ester (9CI) (CA INDEX NAME)

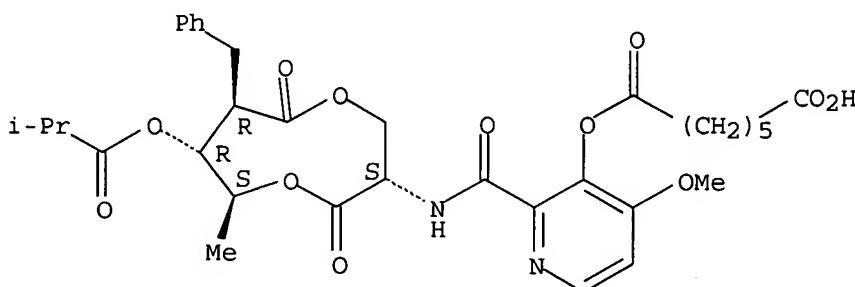
Absolute stereochemistry.



RN 234113-08-7 CAPLUS

CN Heptanedioic acid, mono[4-methoxy-2-[[[(3S,7R,8R,9S)-9-methyl-8-(2-methyl-1-oxopropoxy)-2,6-dioxo-7-(phenylmethyl)-1,5-dioxonan-3-yl]amino]carbonyl]-3-pyridinyl] ester (9CI) (CA INDEX NAME)

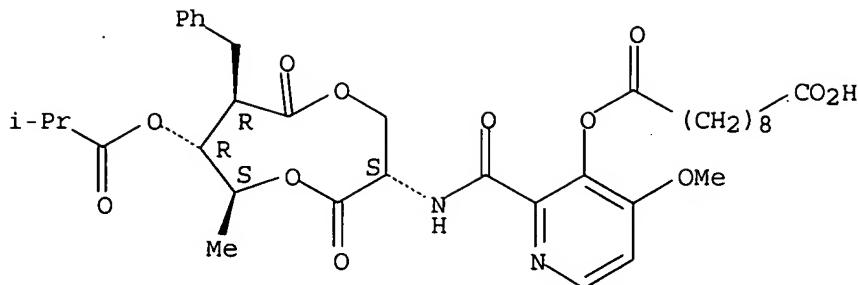
Absolute stereochemistry.



RN 234113-09-8 CAPLUS

CN Decanedioic acid, mono[4-methoxy-2-[[[(3S,7R,8R,9S)-9-methyl-8-(2-methyl-1-oxopropoxy)-2,6-dioxo-7-(phenylmethyl)-1,5-dioxonan-3-yl]amino]carbonyl]-3-pyridinyl] ester (9CI) (CA INDEX NAME)

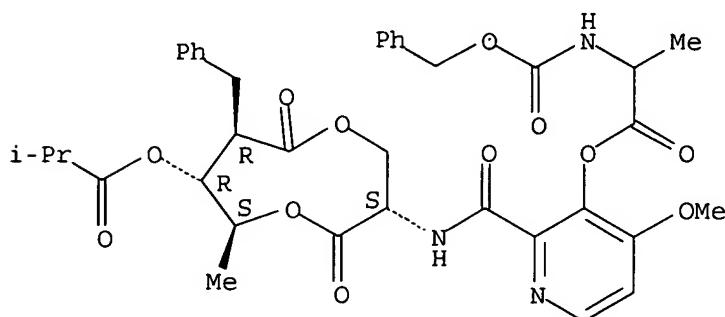
Absolute stereochemistry.



RN 234113-10-1 CAPLUS

CN Alanine, N-[(phenylmethoxy)carbonyl]-, 4-methoxy-2-[[[(3S,7R,8R,9S)-9-methyl-8-(2-methyl-1-oxopropoxy)-2,6-dioxo-7-(phenylmethyl)-1,5-dioxonan-3-yl]amino]carbonyl]-3-pyridinyl ester (9CI) (CA INDEX NAME)

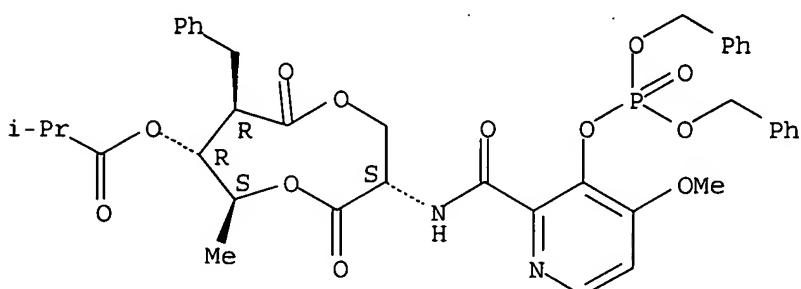
Absolute stereochemistry.



RN 234113-11-2 CAPLUS

CN Propanoic acid, 2-methyl-, (3S,6S,7R,8R)-3-[[3-[[bis(phenylmethoxy)phosphoryl]oxy]-4-methoxy-2-pyridinyl]carbonyl]amino]-6-methyl-4,9-dioxo-8-(phenylmethyl)-1,5-dioxonan-7-yl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 234113-12-3 CAPLUS

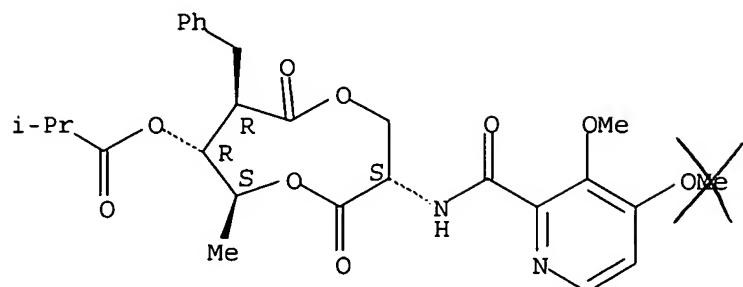
CN Propanoic acid, 2-methyl-, (3S,6S,7R,8R)-3-[[3-[(diethoxyphosphoryl)oxy]-4-methoxy-2-pyridinyl]carbonyl]amino]-6-methyl-4,9-dioxo-8-(phenylmethyl)-1,5-dioxonan-7-yl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.

10/647,172

[3S-(3R*,6R*,7S*,8S*)]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

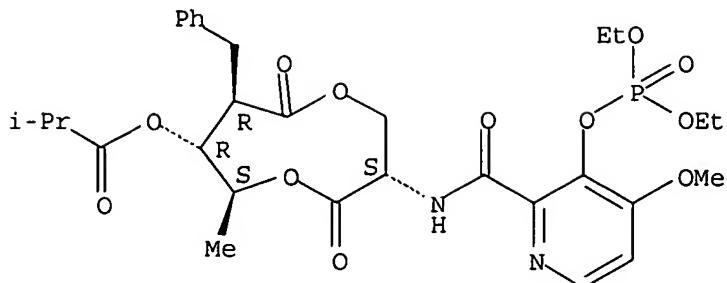


REFERENCE COUNT:

7

THERE ARE 7 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

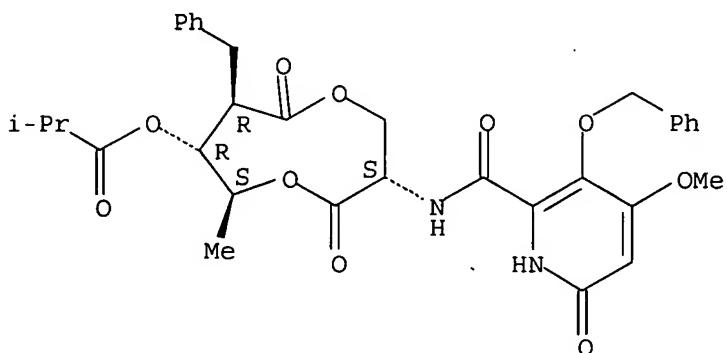
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RN 234113-30-5 CAPLUS

CN Propanoic acid, 2-methyl-, (3S,6S,7R,8R)-3-[[[1,6-dihydro-4-methoxy-6-oxo-3-(phenylmethoxy)-2-pyridinyl]carbonyl]amino]-6-methyl-4,9-dioxo-8-(phenylmethyl)-1,5-dioxonan-7-yl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.



REFERENCE COUNT:

4

THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L19 ANSWER 7 OF 7 CAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 1997:16443 CAPLUS

DOCUMENT NUMBER: 126:144017

TITLE: UK-2A, B, C and D, novel antifungal antibiotics from Streptomyces sp. 517-02. II. Structural elucidation

AUTHOR(S): Hanafi, Muhammad; Shibata, Kozo; Ueki, Masashi; Taniguchi, Makoto

CORPORATE SOURCE: Fac. Sci., Osaka City Univ., Osaka, 558, Japan

SOURCE: Journal of Antibiotics (1996), 49(12), 1226-1231

CODEN: JANTAJ; ISSN: 0021-8820

PUBLISHER: Japan Antibiotics Research Association

DOCUMENT TYPE: Journal

LANGUAGE: English

AB UK-2A, UK-2B, UK-2C and UK-2D, novel antibiotics produced by Streptomyces sp. 517-02, exhibit strong antifungal activity. The structures were elucidated based on spectral and chemical evidence that these compds. are the derivs. of the nine-membered dilactone formed from serine and 4-hydroxypentanoic acid moiety.

IT 186528-19-8P, O-Methyl UK 2A

RL: PRP (Properties); SPN (Synthetic preparation); PREP (Preparation) (structural elucidation of UK-2A, UK-2B, UK-2C and UK-2D, novel antifungal antibiotics from Streptomyces sp. 517-02)

RN 186528-19-8 CAPLUS

CN Propanoic acid, 2-methyl-, 3-[(3,4-dimethoxy-2-pyridinyl)carbonyl]amino]-6-methyl-4,9-dioxo-8-(phenylmethyl)-1,5-dioxonan-7-yl ester,